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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/715,608 | |
| | Filing Date | November 18, 2003 | |
| | First Named Inventor | Young-Jin KIM | |
| | Art Unit | 2817 | |
| | Examiner Name | TBA | |
| Total Number of Pages in This Submission | 22 | Attorney Docket Number | 8021-171 (SS-18218-US) |

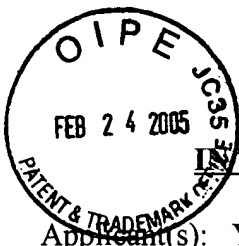
| ENCLOSURES (Check all that apply) | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): 1. Cited References 2. Return Postcard |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|---|
| Firm or Individual name | Frank Chau, Reg. No. 34,136, F.Chau & Associates, LLC |
| Signature | |
| Date | 2/22/05 |

| CERTIFICATE OF TRANSMISSION/MAILING | |
|---|------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | |
| Typed or printed name | Frank Chau |
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Young-Jin KIM

Docket: 8021-171 (SS-18218-US)

Serial No.: 10/715,608

Group: Art Unit 2817

Filed: November 18, 2003

Dated: February 22, 2005

For: DIRECT CONVERSION RECEIVER FOR CALIBRATING PHASE AND
GAIN MISMATCH

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:


Pursuant to Applicant(s) duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. Copies of the listed items are enclosed.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 22, 2005.

Dated: 2/22/05



Frank Chau

is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

☐ This information disclosure statement is being filed within three (3) months of the filing date of this application.

☐ This information disclosure statement is being filed within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application.

☒ To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action³ on the merits in connection with this case.

☒ Statement under 37 C.F.R. § 1.97(e):

I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this statement.

☐ Enclosed herewith is a petition under 37 C.F.R. § 1.97(d)(ii).

☐ Enclosed by check is the petition fee of \$130.00. (37 C.F.R. § 1.17(i)(1))

☐ Please charge the fee of \$130.00 for petition fee by **Credit Card Payment Form PTO-2038** enclosed herewith.

☐ Enclosed by check is the \$180.00 fee required by 37 C.F.R. § 1.17(p).


☐ Please charge the fee of \$180.00 fee required by 37 C.F.R. § 1.17(p) by **Credit Card Payment Form PTO-2038** enclosed herewith.

[X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 50-0679. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-0679 therefor. **TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

By:



Frank Chau
Reg. No. 34,136
Attorney for Applicant(s)

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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

8021-171 (SS-18218-US)

10/715,608

APPLICANT

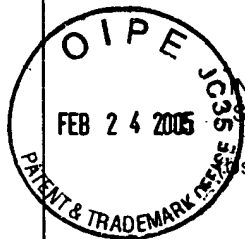
Young-Jin KIM

FILING DATE

November 18, 2003

GROUP ART UNIT

2817

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|--|--------------------|----------|--------------|-------|----------|----------------------------------|
| | | 2001/0028689 | 10/11/01 | Kasperkovitz | 375 | 327 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | PUBLICATION NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | ABSTRACT TRANSLATION | |
|--|--|-----------------------|----------|---------|-------|----------|-------------------------|----|
| | | | | | | | YES | NO |
| | | EP 0 841 756 A2 | 13/5/98 | EPO | | | X | |
| | | EP 0 841 756 A3 | 28/11/01 | EPO | | | X | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])